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PTO/SB/01 (12-97)

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	MTB17US
First Named Inventor	Kia Silverbrook
<b>COMPLETE IF KNOWN</b>	
Application Number	/
Filing Date	
Group Art Unit	
Examiner Name	

**As a below named Inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**THERMAL INK JET PRINthead WITH BUBBLE FORMATION  
SURROUNDING HEATER ELEMENT**

the specification of which

*(Title of the Invention)*

is attached hereto

OR

was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			<input type="checkbox"/>	<input type="checkbox"/> YES	<input type="checkbox"/> NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)			
<input type="checkbox"/> Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.					
As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: <input type="checkbox"/> Customer Number <input type="text"/> → <input type="checkbox"/> Place Customer Number Bar Code Label here OR <input type="checkbox"/> Registered practitioner(s) name/registration number listed below					
Name	Registration Number	Name	Registration Number		
<input type="checkbox"/> Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.					
Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number or Bar Code Label <input type="text" value="24011"/> OR <input type="checkbox"/> Correspondence address below					
Name	Kia Silverbrook				
Address	Silverbrook Research Pty Ltd				
Address	393 Darling Street				
City	Balmain	State	NSW		
Country	Australia	Telephone	61-2-9818-6633		
		Fax	61-2-9555-7762		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle if any)		Family Name or Surname			
KIA		SILVERBROOK			
Inventor's Signature	<i>Kia</i>			Date	January 30, 2004
Residence: City	Balmain	State	NSW	Country	Australia
Post Office Address	393 Darling Street				
Post Office Address					
City	Balmain	State	NSW	ZIP	2041
<input type="checkbox"/> Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto					

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<b>DECLARATION</b>		<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>1</u> of <u>1</u>			
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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
ANGUS JOHN				NORTH				
Inventor's Signature	<i>Angus</i> <i>Leal</i>						Date	January 30, 2004
Residence: City	Balmain	State	NSW	Country	Australia	Citizenship	Australian	
Post Office Address	393 Darling Street							
Post Office Address								
City	Balmain	State	NSW	ZIP	2041	Country	Australia	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
GREGORY JOHN				MCAVOY				
Inventor's Signature	<i>LR</i> <i>POWER OF ATTORNEY</i>						Date	January 30, 2004
Residence: City	Balmain	State	NSW	Country	Australia	Citizenship	Irish	
Post Office Address	393 Darling Street							
Post Office Address								
City	Balmain	State	NSW	ZIP	2041	Country	Australia	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
Inventor's Signature							Date	
Residence: City		State		Country		Citizenship		
Post Office Address								
Post Office Address								
City		State		ZIP		Country		

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LAWYERS

## POWER OF ATTORNEY

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**THIS POWER OF ATTORNEY** is made on        October, 2003.

**BY** Gregory John McAvoy of 393 Darling Street, Balmain, NSW 2041, Australia  
**(Appointor).**

**1. APPOINTMENT**

The Appointor appoints the following severally to be its attorneys (each an **Attorney**):

- (a) **Janette Lee** of 393 Darling St Balmain, NSW 2041; and
- (b) **Kia Silverbrook** of 393 Darling St Balmain, NSW 2041.

**2. POWERS**

The Attorney may do in the name of the Appointor and on its behalf everything necessary or expedient or appropriate in the Attorney's discretion to:

- (a) execute and deliver any document, including any form, application, declaration, statement or agreement, necessary or appropriate in the Attorney's discretion and to take any action whatsoever, including but not limited to, file further applications in any country or jurisdiction including but not limited to divisional applications and continuation applications), and to prosecute, register, renew, allow to lapse or cease, transfer, assign, license including sublicense, enforce, mortgage or use as security or deal with in any way whatsoever any patents or patent applications in any jurisdiction which relate to or are connected to work carried out by the Appointer during his period of employment with Silverbrook Research Pty Ltd and on which the Appointer is named as an inventor or is entitled in future to be named as an inventor (**Relevant Patent**);
- (b) execute and deliver any other documents which are referred to in the documents described in paragraph 2(a), or which are ancillary or related to them or contemplated by them or vary them, or which otherwise relate in any way to a Relevant Patent;
- (c) take any step or carry out any action or execute and deliver any document or do anything at the absolute discretion of the Attorney in any way relating to the Appointer's involvement in or interest or obligations in relation to any Relevant Patent;

- (d) do everything necessary or expedient to give effect to the actions contemplated by this power of attorney;
- (e) appoint one or more substitute attorneys to exercise one or more of the powers given to the Attorney and to revoke any of those appointments and in this power of attorney, "Attorney" includes a substitute attorney appointed under this clause; and
- (f) stamp and register this power of attorney if required.

**3. RATIFICATION**

The Appointor declares that everything done by the Attorney in exercising powers under this power of attorney is as valid as if it had been done by the Appointor and agrees to ratify and confirm whatever the Attorney does in exercising powers under this power of attorney.

**4. STATEMENT OF NON-REVOCATION**

The Appointer declares that any person who deals with the Attorney in good faith may accept a written statement signed by the Attorney to the effect that this power of attorney has not been revoked as conclusive evidence of that fact.

**5. REVOCATION**

The Appointer declares that this power of attorney:

- (a) is given as consideration for the Appointer's past and continuing employment by Silverbrook Research Pty Ltd and the payment of \$10.00, receipt of which is hereby acknowledged by the Appointer; and
- (b) is irrevocable and continues from the date of this power of attorney until expressly revoked by the Appointer in writing.

**6. BINDING ON APPOINTER**

The Appointer declares that each of the Appointer and any person claiming under the Appointer is bound by anything the Attorney does in exercising powers under this power of attorney including, but not limited to, an executor, administrator, successor, substitute or assign.

**7. CONFLICT OF INTEREST**

An Attorney may execute a document or do anything authorised under this deed (and that document or thing will be valid) even if the Attorney is in any way:

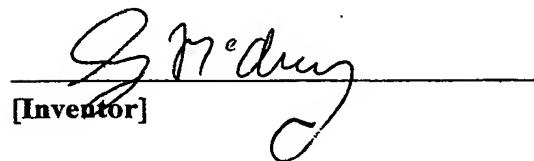
- (a) interested in the document or thing; or
- (b) connected with a person who is in any way interested in the document or thing.

**8. PERSONAL LIABILITY**

An Attorney's exercise of any power under this power of attorney does not involve on the part of the Attorney, any partner of the Attorney or any entity of which the Attorney is an employee:

- (a) any personal liability in connection with that exercise or its consequences; or
- (b) an express or implied warranty as to the validity of this power of attorney or the Attorney's authority to exercise the power.

**EXECUTED** as a deed poll by

  
\_\_\_\_\_  
[Inventor]